

AbstractPaging Channel Control Method and Apparatus

5           In a messaging system, message traffic is transmitted on one or more  
traffic channels  $T_1$ ,  $T_2$  and the allocation of groups  $S_1$ ,  $S_2$  of receivers to the  
traffic channels  $T_1$ ,  $T_2$  is controlled by information transmitted on a bulletin  
board channel BB. A predetermined number of frames before a change in the  
traffic channel allocation, a countdown value is transmitted in the relevant  
10 traffic channel  $T_1$  and the countdown value is decremented in each subsequent  
frame. Before the countdown value reaches zero, the groups of receivers  $S_1$ ,  $S_2$   
retune to the bulletin board channel, receive their new channel allocations and  
retune to the traffic channel indicated for their group.

          The frame timings of the different traffic channels  $T_1$ ,  $T_2$  are staggered  
15 to reduce the peak power required to transmit message bursts in these channels.

[Fig.6]